

Nur für Forschungszwecke

# TRIM9 Polyklonaler Antikörper

Katalog-Nr.:10786-1-AP

Vorgestelltes Produkt

5 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 10786-1-AP	<b>GenBank-Zugangsnummer:</b> BC013414	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 600 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 114088	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB IHC 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> tripartite motif-containing 9	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 80 kDa	
<b>Immunogen Katalognummer:</b> AG1238	<b>Beobachtete Masse:</b> 79 kDa, 90 kDa, 61 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, IP, WB,ELISA	<b>Positivkontrollen:</b> WB : Maushirngewebe, HepG2-Zellen, Rattenhirngewebe IP : Maushirngewebe, IHC : Rattenhirngewebe, humanes Prostatakarzinomgewebe, Ratten-Cerebellum-Gewebe
<b>In Publikationen genannte Anwendungen:</b> IHC, IP, WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Maus, Ratte	

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

TRIM9(E3 ubiquitin-protein ligase TRIM9) is also named as RNF91 and belongs to the TRIM/RBCC family. TRIM9 protein is a brain-specific E3 ubiquitin ligase. Importantly, TRIM9 is present in LBs found in DLB and PD, suggesting that TRIM9 not only plays roles in the regulation of neuronal functions, but also participates in the formation or breakdown of abnormal inclusions through its ligase activity and besides the striatum and hippocampus, the highest expression of TRIM9 protein is seen in the frontal, temporal and occipital cortices through the western blot (PMID:20085810). It has been reported that TRIM9 is highly expressed in the cerebral cortex in mouse and human brains and that TRIM9 is decreased in damaged brains in patients who have Parkinson disease and dementia with Lewy bodies(PMID:22337885). It has 3 isoforms with molecular mass of 79, 90 and 61 kDa.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wenjun Zhao	34676875	Mol Med Rep	WB,IP
Chieko Mishima	26543769	Springerplus	IHC
Tanji Kunikazu K	20085810	Neurobiol Dis	WB

## Lagerung

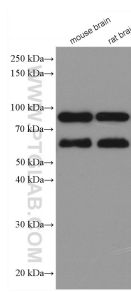
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

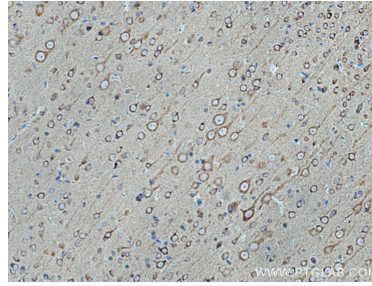
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

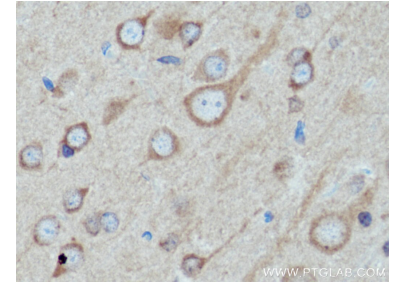
## Ausgewählte Validierungsdaten



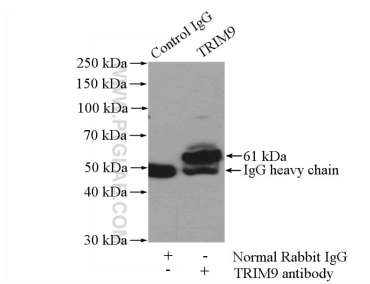
Various lysates were subjected to SDS PAGE followed by western blot with 10786-1-AP (TRIM9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 10786-1-AP (TRIM9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 10786-1-AP (TRIM9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-TRIM9 (IP:10786-1-AP, 4ug; Detection:10786-1-AP 1:1000) with mouse brain tissue lysate 4000ug.